

## SUBSTITUTE SPECIFICATION

F-7955

Ser. No. 10/695,617

### ABSTRACT OF THE DISCLOSURE

5      An axial-air-gap brushless vibration motor has an eccentric rotor R in which an axial-air-gap magnet and an arched weight are provided in a rotor yoke which is rotatably mounted on a shaft fixed to a yoke bracket. A stator base is attached to the yoke bracket which includes a magnetic portion receiving the magnetic field of the magnet and a nonmagnetic portion. One Hall sensor and a drive circuit member for receiving output of the Hall sensor are disposed so that they do not overlap on a radial plane, of the stator base which has single-phase air-core armature coils installed. A cover member is welded to the yoke bracket.